EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S213	13249	reactor.ti.	US-PGPUB; USPAT	OR	ON	2009/06/18 14:14
S214	281	reactor.ti. and monolith and catalyst	US-PGPUB; USPAT	OR	ON	2009/06/18 14:14
S215	72	reactor.ti. and monolith and catalyst and insulat$4	US-PGPUB; USPAT	OR	ON	2009/06/18 14:21
S216	10	reactor.ti. and monolith and catalyst and insulat$4 and gas near2 (tight impervious)	US-PGPUB; USPAT	OR	ON	2009/06/18 14:39
S217	8	reactor.ti. and monolith and catalyst and insulat$4 and basket	US-PGPUB; USPAT	OR	ON	2009/06/18 14:51
S218	48	reactor.ti. and monolith and catalyst and insulat$4 and (carrier support) near3 (monolith catalyst)	US-PGPUB; USPAT	OR	ON	2009/06/18 14:53
S219	0	reactor.ti. and monolith and catalyst and insulat$4 and (cartridge) near3 (monolith catalyst)	US-PGPUB; USPAT	OR	ON	2009/06/18 22:28
S220	0	reactor.ti. and monolith and catalyst and insulat$4 and (cartridge) with (monolith catalyst)	US-PGPUB; USPAT	OR	ON	2009/06/18 22:28
S221	4	reactor.ti. and catalyst and insulat$4 and (cartridge) with (monolith catalyst)	US-PGPUB; USPAT	OR	ON	2009/06/18 22:28
S222	81609	("422").CLAS.	US-PGPUB; USPAT	OR	OFF	2009/06/18 23:27
S223	15	S222 and shell and catalyst and insulat$4 and (cartridge) with (monolith catalyst)	US-PGPUB; USPAT	OR	ON	2009/06/18 23:27
S224	19	S222 and (jacket shell) and catalyst and insulat$4 and (cartridge) with (monolith catalyst)	US-PGPUB; USPAT	OR	ON	2009/06/18 23:29

S225	70	(jacket shell) and catalyst and insulat$4 and (cartridge) with (monolith catalyst)	US-PGPUB; USPAT	OR	ON	2009/06/18 23:41
S226	51	(jacket shell) and catalyst and insulat$4 and (cartridge) with (monolith catalyst) not S224	US-PGPUB; USPAT	OR	ON	2009/06/18 23:41
S227	51	(jacket shell) and catalyst and insulat$4 and (basket) with (monolith catalyst) not S224	US-PGPUB; USPAT	OR	ON	2009/06/18 23:42
S228	53	(jacket shell) and catalyst and insulat$4 and (basket) with (monolith catalyst) not S226	US-PGPUB; USPAT	OR	ON	2009/06/18 23:42
S229	14	(jacket shell) and catalyst and insulat$4 and (basket) with (monolith catalyst) and basket with (impermeable tight) not S226	US-PGPUB; USPAT	OR	ON	2009/06/18 23:44
S230	15	(jacket shell) and catalyst and insulat$4 and (cartridge basket) with (monolith catalyst) and (cartridge basket) with (impermeable tight) not S226	US-PGPUB; USPAT	OR	ON	2009/06/18 23:46
S231	5	(jacket shell) and catalyst and insulat$4 and (cartridge basket) with (monolith catalyst) and (cartridge basket) with (impermeable tight) not S229	US-PGPUB; USPAT	OR	ON	2009/06/18 23:46
S232	18	(jacket shell) and catalyst and insulat$4 and (basket) with (monolith catalyst) and (gas adj tight impermeable) not S226	US-PGPUB; USPAT	OR	ON	2009/06/18 23:56

S233	3	reactor.ti. and catalyst and insulat$4 and (basket) with (monolith catalyst) and (gas adj tight impermeable) not S226	US-PGPUB; USPAT	OR	ON	2009/06/19 00:20
S234	16	reactor.ti. and catalyst and insulat$4 and (basket) with (monolith catalyst)	US-PGPUB; USPAT	OR	ON	2009/06/19 00:21
S235	3	reactor.ti. and catalyst and insulat$4 and (basket) with (monolith catalyst) and (impermeable gas adj tight)	US-PGPUB; USPAT	OR	ON	2009/06/19 00:29
S236	6	reactor.ti. and catalyst and insulat$4 and (basket) and (impermeable gas adj tight)	US-PGPUB; USPAT	OR	ON	2009/06/19 00:30
S237	6	reactor.ti. and catalyst and insulat$4 and (basket cartridge) and (impermeable gas adj tight)	US-PGPUB; USPAT	OR	ON	2009/06/19 00:30
S238	27	reactor.ti. and catalyst and (basket cartridge) and (impermeable gas adj tight)	US-PGPUB; USPAT	OR	ON	2009/06/19 00:31
S239	41	("3065595" | "3248188" | "3441381" | "3441382" | "3503716" | "3597165" | "3600142" | "3692497" | "3771967" | "3785781" | "3798006").PN. OR ("3876384").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/19 00:32
S240	20	(US-20040115106-$ or US-20030072700-$ or US-20020090326-$).did. or (US-5591415-$ or US-4971771-$ or US-3996014-$ or US-3929421-$ or US-5980840-$ or US-3895917-$ or US-4018573-$ or US-4374094-$ or US-4865820-$ or US-6139810-$ or US-3876384-$ or US-	US-PGPUB; USPAT	OR	OFF	2009/06/19 00:35

		4350664-$ or US-5570576-$ or US-4160010-$ or US-3642447-$ or US-4115074-$ or US-4109461-$).did.				
S241	8	S240 and (impermeable gas adj tight)	US-PGPUB; USPAT	OR	ON	2009/06/19 00:35
S242	268	reactor.ti. and catalyst and (impermeable gas adj tight)	US-PGPUB; USPAT	OR	ON	2009/06/19 00:48
S243	41	("3065595" | "3248188" | "3441381" | "3441382" | "3503716" | "3597165" | "3600142" | "3692497" | "3771967" | "3785781" | "3798006").PN. OR ("3876384").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/19 00:48
S244	1	reactor.ti. and catalyst and (impermeable gas adj tight) with (bypass$4 circumvent$4) with catalyst	US-PGPUB; USPAT	OR	ON	2009/06/19 00:57
S245	19	("2478194" | "3259453" | "3495950" | "3533753" | "3711259" | "3755204" | "3785781" | "3798006" | "3799796").PN. OR ("3895917").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/19 00:59
S246	65	reactor.ti. and catalyst and (impermeable gas adj tight) with catalyst	US-PGPUB; USPAT	OR	ON	2009/06/19 01:03
S247	45	reactor.ti. and catalyst with cartridge	US-PGPUB; USPAT	OR	ON	2009/06/22 03:46
S248	2	reactor.ti. and catalyst with cartridge and cartridge with (gas adj tight impermeable)	US-PGPUB; USPAT	OR	ON	2009/06/22 03:46
S249	2	reactor.ti. and catalyst with cartridge and cartridge with (gas adj tight impermeable)	US-PGPUB; USPAT	OR	ON	2009/06/22 03:46
S250	0	reactor.ti. and catalyst with cartridge and cartridge with (replace $4) and (gas adj tight impermeable)	US-PGPUB; USPAT	OR	ON	2009/06/22 03:47

S251	20	(US-20040115106-$ or US-20030072700-$ or US-20020090326-$).did. or (US-5591415-$ or US-4971771-$ or US-3996014-$ or US-3929421-$ or US-5980840-$ or US-3895917-$ or US-4018573-$ or US-4374094-$ or US-4865820-$ or US-6139810-$ or US-3876384-$ or US-4350664-$ or US-5570576-$ or US-4160010-$ or US-3642447-$ or US-4115074-$ or US-4109461-$).did.	US-PGPUB; USPAT	OR	OFF	2009/06/22 03:48
S252	0	S251 and cartridge	US-PGPUB; USPAT	OR	ON	2009/06/22 03:48
S253	1	reactor.ti. and catalyst with (basket cartridge) and (basket cartridge) with (replac$4 remov$4) and (cartridge basket) with (gas adj tight impermeable)	US-PGPUB; USPAT	OR	ON	2009/06/22 03:50
S254	4	reactor and catalyst with (basket cartridge) and (basket cartridge) with (replac$4 remov$4) and (cartridge basket) with (gas adj tight impermeable)	US-PGPUB; USPAT	OR	ON	2009/06/22 03:54
S255	2	S251 and grid	US-PGPUB; USPAT	OR	ON	2009/06/22 03:54
S256	20	S251 andimpermeable	US-PGPUB; USPAT	OR	ON	2009/06/22 03:55
S257	6	S251 and impermeable	US-PGPUB; USPAT	OR	ON	2009/06/22 03:55
S258	1	S251 and (basket cartridge)	US-PGPUB; USPAT	OR	ON	2009/06/22 03:56
S259	228	reactor.ti. and (basket cartridge) and catalyst	US-PGPUB; USPAT	OR	ON	2009/06/22 03:56
S260	113	reactor.ti. and (basket cartridge) with catalyst	US-PGPUB; USPAT	OR	ON	2009/06/22 03:56

S261	18	reactor.ti. and (basket cartridge) with catalyst and insulat$4	US-PGPUB; USPAT	OR	ON	2009/06/22 03:56
S262	8	reactor.ti. and (basket cartridge) with catalyst and insulat$4 and (basket cartridge) with (remov$4 replac$4)	US-PGPUB; USPAT	OR	ON	2009/06/22 03:57
S263	6	reactor.ti. and (basket cartridge) with catalyst and insulat$4 and (basket cartridge) with (remov$4)	US-PGPUB; USPAT	OR	ON	2009/06/22 03:58
S264	2	reactor.ti. and (basket cartridge) with catalyst and insulat$4 and (basket cartridge) with (replac$4)	US-PGPUB; USPAT	OR	ON	2009/06/22 04:00
S265	40	reactor and (basket cartridge) with catalyst and insulat$4 and (basket cartridge) with (replac$4 remov$4)	US-PGPUB; USPAT	OR	ON	2009/06/22 04:03
S266	215	reactor and (basket cartridge) with catalyst and (basket cartridge) with (replac$4 remov$4)	US-PGPUB; USPAT	OR	ON	2009/06/22 04:04
S267	46	reactor.ti. and (basket cartridge) with catalyst and (basket cartridge) with (replac$4 remov$4)	US-PGPUB; USPAT	OR	ON	2009/06/22 04:04
S268	1381	reactor.ti. and catalyst with (replac$4 remov$4)	US-PGPUB; USPAT	OR	ON	2009/06/22 04:05
S269	124	reactor.ti. and catalyst with (replac$4 remov$4) and monolith	US-PGPUB; USPAT	OR	ON	2009/06/22 04:06
S270	0	reactor.ti. and (basket cartridge) with catalyst and (basket cartridge) with (impermebale)	US-PGPUB; USPAT	OR	ON	2009/06/22 04:07
S271	5	reactor.ti. and (basket cartridge) with catalyst and (basket cartridge) with (impermeable)	US-PGPUB; USPAT	OR	ON	2009/06/22 04:08
S272	0	reactor.ti. and catalyst with impermebale with wall	US-PGPUB; USPAT	OR	ON	2009/06/22 04:10

S273	23	reactor.ti. and catalyst with impermeable with wall	US-PGPUB; USPAT	OR	ON	2009/06/22 04:10
S274	25	reactor.ti. and catalyst with (replac$4 remov$4) and catalyst with impermeable	US-PGPUB; USPAT	OR	ON	2009/06/22 04:18
S275	12	reactor.ti. and insulat$4 and catalyst with (replac$4 remov$4) and catalyst with impermeable	US-PGPUB; USPAT	OR	ON	2009/06/22 04:22
S276	23	reactor.ti. and (basket cartridge support) with catalyst and (gas adj tight impermeable) and (basket cartridge support) with (replac$4 remov$4)	US-PGPUB; USPAT	OR	ON	2009/06/22 04:27
S277	15	reactor.ti. and (basket cartridge support) with catalyst with (gas adj tight impermeable)	US-PGPUB; USPAT	OR	ON	2009/06/22 04:30
S278	5	(basket cartridge) with catalyst with (gas adj tight impermeable) and reactor	US-PGPUB; USPAT	OR	ON	2009/06/22 04:35
S279	1840	reactor.ti. and pressure adj drop	US-PGPUB; USPAT	OR	ON	2009/06/22 04:39
S280	4	reactor.ti. and pressure adj drop same gas with insulat$4 with flow$4	US-PGPUB; USPAT	OR	ON	2009/06/22 04:40
S281	26	reactor.ti. and pressure adj drop same surround$4 with flow$4	US-PGPUB; USPAT	OR	ON	2009/06/22 04:41
S282	7	reactor.ti. and pressure adj drop with impermeable	US-PGPUB; USPAT	OR	ON	2009/06/22 04:42
S283	33	reactor.ti. and bypass$4 with catalyst with pressure	US-PGPUB; USPAT	OR	ON	2009/06/22 04:43
S284	43	reactor.ti. and gas with flow$4 with around with catalyst	US-PGPUB; USPAT	OR	ON	2009/06/22 04:47
S285	0	reactor.ti. and gas with flow$4 with around with catalyst with ppressure	US-PGPUB; USPAT	OR	ON	2009/06/22 04:47

S286	0	reactor.ti. and gas with flow$4 with around with catalyst with ppessure	US-PGPUB; USPAT	OR	ON	2009/06/22 04:47
S287	5	reactor.ti. and gas with flow$4 with around with catalyst with pressure	US-PGPUB; USPAT	OR	ON	2009/06/22 04:47
S288	10	S251 and (oxidiz$4 oxidation) with hydrocarbon	US-PGPUB; USPAT	OR	ON	2009/06/22 04:55
S289	15	S251 and hydrocarbon	US-PGPUB; USPAT	OR	ON	2009/06/22 04:56
S290	15	reactor with catalyst with (impermeable gas adj tight) with inlet	US-PGPUB; USPAT	OR	ON	2009/06/22 05:03
S291	320	reactor.ti. and partial adj oxidation same hydrocarbon	US-PGPUB; USPAT	OR	ON	2009/06/22 05:16
S292	86	reactor.ti. and partial adj oxidation same hydrocarbon and catalyst and insulat$4	US-PGPUB; USPAT	OR	ON	2009/06/22 05:16
S293	9	reactor.ti. and partial adj oxidation same hydrocarbon and catalyst and insulat$4 and (impermeable gas adj tight)	US-PGPUB; USPAT	OR	ON	2009/06/22 05:17
S294	65	reactor.ti. and catalyst with (impermeable gas adj tight)	US-PGPUB; USPAT	OR	ON	2009/06/22 05:21
S295	27	reactor.ti. and catalyst with (impermeable gas adj tight) with walls	US-PGPUB; USPAT	OR	ON	2009/06/22 05:21
S296	15	reactor.ti. and catalyst with (impermeable gas adj tight) with walls and catalyst with (remov$4 replac$4)	US-PGPUB; USPAT	OR	ON	2009/06/22 05:22
S297	2	reactor.ti. and catalyst with basket with wall with (impermeable gas adj tight)	US-PGPUB; USPAT	OR	ON	2009/06/22 05:26
S298	2	reactor.ti. and catalyst with basket with (impermeable gas adj tight)	US-PGPUB; USPAT	OR	ON	2009/06/22 05:27
S299	86	reactor.ti. and catalyst with basket	US-PGPUB; USPAT	OR	ON	2009/06/22 05:27

S300	9	reactor.ti. and catalyst with basket with metal$4	US-PGPUB; USPAT	OR	ON	2009/06/22 05:27
S301	5	reactor.ti. and catalyst with basket with metal$4 and basket with (remov $4 replac$4)	US-PGPUB; USPAT	OR	ON	2009/06/22 05:28
S302	6	reactor.ti. and catalyst with (cartridge basket) with metal$4 and (cartridge basket) with (remov$4 replac$4)	US-PGPUB; USPAT	OR	ON	2009/06/22 05:31
S303	1	reactor.ti. and catalyst with (cartridge basket) with metal$4 and (cartridge basket) with (remov$4 replac$4) not S300	US-PGPUB; USPAT	OR	ON	2009/06/22 05:31
S304	41	("3065595" | "3248188" | "3441381" | "3441382" | "3503716" | "3597165" | "3600142" | "3692497" | "3771967" | "3785781" | "3798006").PN. OR ("3876384").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/22 05:34
S305	1169	catalytic adj converter.ti.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 05:35
S306	341	catalytic adj converter.ti. and insulat$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 05:35
S307	152	catalytic adj converter.ti. and insulat$4 and shell	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 05:36
S308	43	catalytic adj converter.ti. and insulat$4 and (gas adj tight impermeable)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 05:36
S309	7	catalytic adj converter.ti. and basket	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 05:38
S310	42	catalytic adj converter.ti. and insulat$4 and catalyst and ceramic near3 coat$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 06:09
S311	26	catalytic adj converter.ti. and insulat$4 and catalyst with ceramic near3 coat$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 06:36

| S312 | 3 | catalytic adj converter.ti. and insulat$4 and catalyst with ceramic adj coat$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/06/22 06:36 |

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